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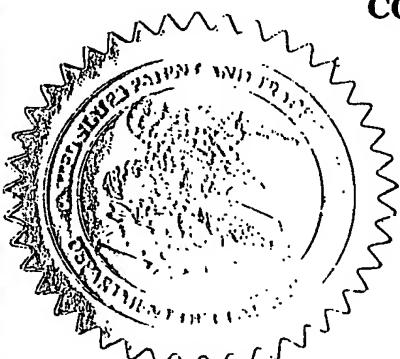
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FILING DATE.

APPLICATION NUMBER: 60/458,490

FILING DATE: March 28, 2003

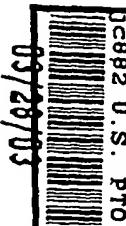
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PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(c).

DOCKET NUMBER: B01075.70041
Express Mail Label No. EV 208 517 811 US
Date of Deposit: March 28, 200310979 U.S. PTO
60/458490 03/28/03

INVENTOR(S)/APPLICANT(S)

LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
Stevens-Wright	Debbie		North Andover, MA

 Additional inventors are being named on the separately numbered sheets attached hereto.

TITLE OF THE INVENTION (280 characters max.)

ELECTROPHYSIOLOGY CATHETER ALLOWING ADJUSTMENT BETWEEN ELECTRODE AND TISSUE GAP

CORRESPONDENCE ADDRESS



CUSTOMER NUMBER: 23628

ENCLOSED APPLICATION PARTS (check all that apply)

 Specification - Number of Pages = 2 Drawing(s) - Number of Sheets Application Data Sheet, See 37 CFR 1.76 Return receipt postcard

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

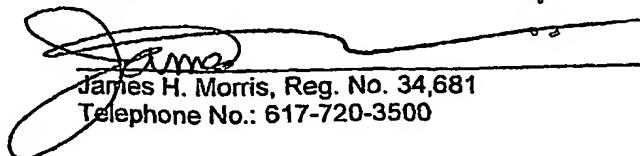
 No Yes, the name of the U.S., Government Agency and the Government Contract Number are: Other: _____

METHOD OF PAYMENT (check all that apply)

 A check is enclosed to cover the Provisional Filing Fees. The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account 23/2825. A duplicate of this sheet is enclosed. Small Entity Status is claimed.

PROVISIONAL FILING FEE AMOUNT \$ 160.00

Respectfully submitted,

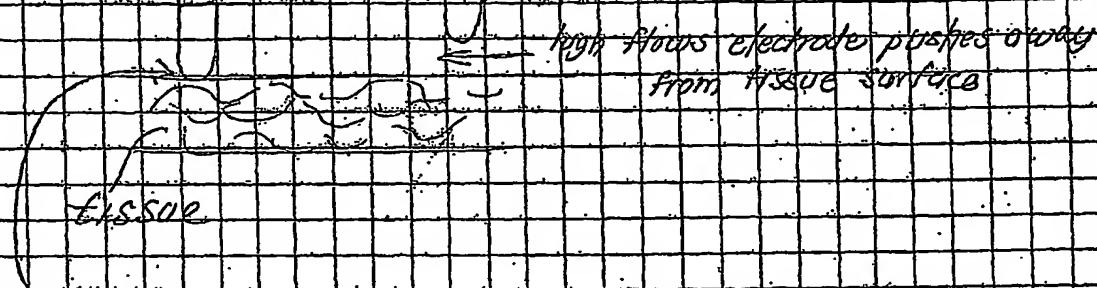

March 28, 2003
Date
James H. Morris, Reg. No. 34,681
Telephone No.: 617-720-3500

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TITLE [REDACTED]

From Page No.

An analysis of a suspended probe design is presented that moving the electrode into the fluid from improved lesion depth at lower flow rates but at higher flow rates causes the tissue to be pushed away from the electrode. It is difficult to believe this is true because at higher flow rates there are more energy available to be dissipated to move the tissue. It is believed that the gap between the electrode and tissue to be increased in high flow situations.



low flow, electrode pulled down to surface

Flippable Offset

low flow orientation

high flow orientation

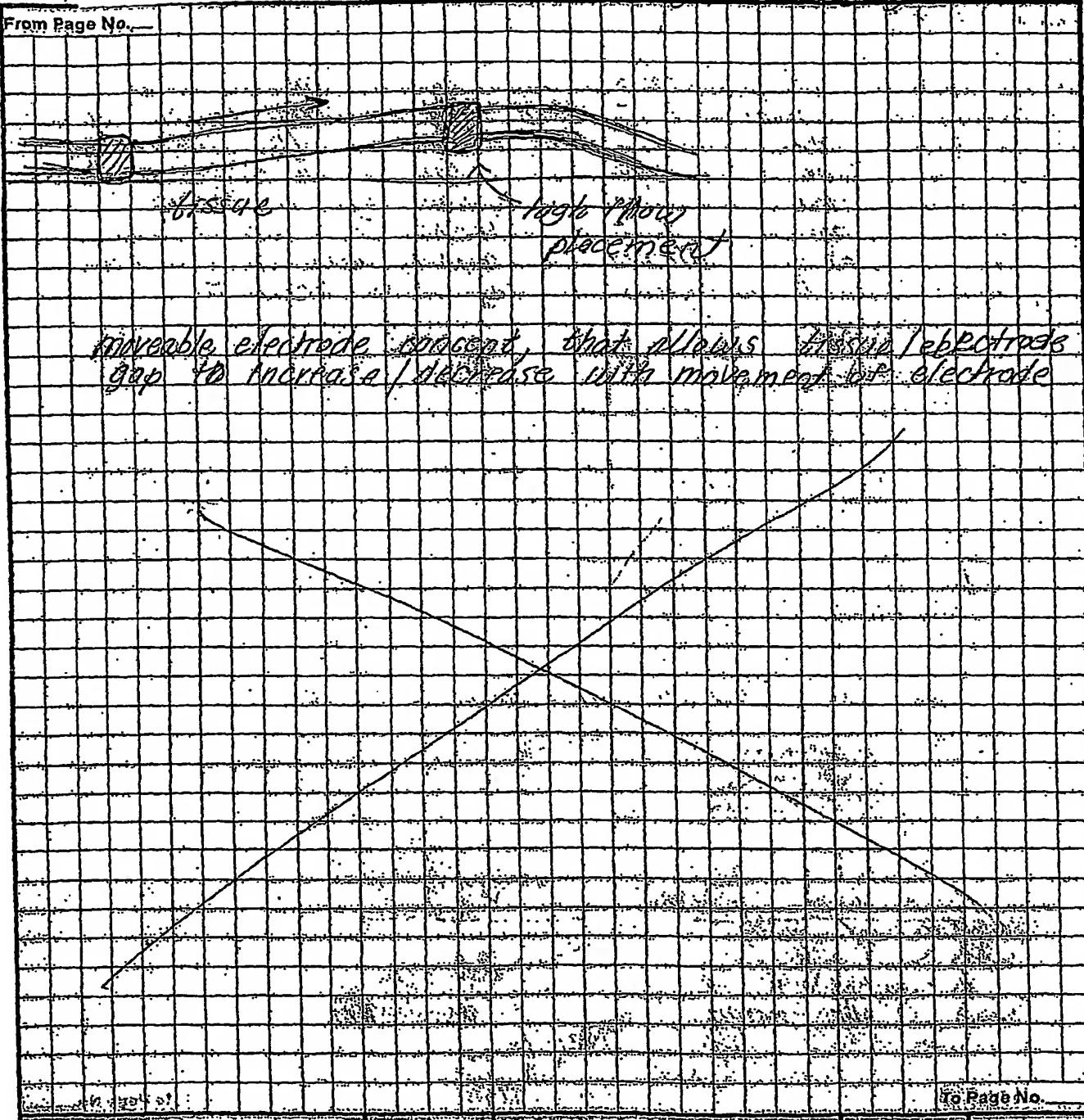
To Page No.

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12

TITLE *Dielectric following adjustment of
movable electrode gap to starting flow*

From Page No. —



TITLE

From

June 01, 2004

PCT DIVISION
34 CHEMIN DES COLUMBETTES
GENEVA, 1211
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